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UNITED STATES PLANT PATENT APPLICATION

of

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for

COMPACT FLORIBUNDA ROSE PLANT NAMED

'POULymp'

## SUMMARY OF THE INVENTION

### BOTANICAL CLASSIFICATION

'Rosa hybrid'

### VARIETY DENOMINATION

'Poulymp'

The present invention constitutes a new and distinct variety of Floribunda rose plant which originated from a controlled crossing between an unnamed seedling and an unnamed seedling. The two parents were crossed and the resulting seeds were planted in a controlled environment. The new variety is named 'POULymp'.

The new rose may be distinguished from its seed parent,, by the following combination of characteristics:

1. The unnamed seed parent's flowers are yellow, where those of 'POULymp' are more golden bronze in color.
2. The growth of the unnamed seed parent is more vigorous than that of 'POULymp'.

The new variety may be distinguished from its pollen parent, created by the same inventors, by the following combination of characteristics:

1. The unnamed pollen parent's flowers are yellow, where those of 'POULymp' are a golden bronze color.
2. The growth of the pollen parent is more vigorous than that of 'POULymp'.

The objective of the hybridization of this rose variety for commercial greenhouse culture was to create a new and distinct variety with unique qualities, such as:

1. Uniform and abundant flowers;
2. Vigorous and compact growth;
3. Year-round flowering under glasshouse conditions;
4. Suitability for production from softwood cuttings in pots;
5. Durable flowers and foliage which make a variety suitable for distribution in the floral industry.

This combination of qualities is not present in previously available commercial cultivars of this type and distinguish 'POULymp' from all other varieties of which we are aware.

As part of their rose development program, L. Pernille Olesen and Mogens N. Olesen germinated the seeds from the aforementioned hybridization and conducted evaluations on the resulting seedlings in a controlled environment in Fredensborg, Denmark. 'POULymp' was selected by the inventors

as a single plant from the progeny of the hybridization in Fredensborg, Denmark, in the spring of 1996.

Asexual reproduction of 'POULymp' by cuttings and traditional budding was first done by L. Pernille and Mogens N. Olesen in their nursery in Fredensborg, Denmark in . This initial and other subsequent propagations conducted in controlled environments have demonstrated that the characteristics of 'POULymp' are true to type and are transmitted from one generation to the next.

#### **BRIEF DESCRIPTION OF THE DRAWING**

The accompanying color illustration shows as true as is reasonably possible to obtain in color photographs of this type, the typical characteristics of the buds, flowers, leaves, stems, and a plant of 'POULymp'. Specifically illustrated in SHEET 1:

1. Stem or entire plant showing branching and the attachment of leaves, buds, and peduncles;
2. Flower bud, partially opened bud, and open bloom;
3. Flower petals, detached;
4. Sepals, receptacle, and pedicel;
5. Flowering stem as well as a bare stem exhibiting thorns;
6. Leaves.

### DETAILED DESCRIPTION OF THE VARIETY

The following is a description of 'POULymp', as observed in its growth in glasshouses in Half Moon Bay, California. Observed plants are 3 months in age. Color references are made using the Royal Horticultural Society (London, England) Colour Chart, 1995, except where common terms of color are used.

For a comparison, several physical characteristics of the rose variety 'POULsail', a Compact Floribunda rose variety from the same inventors described and illustrated in U.S. Plant Patent Application No. 09/140,630 dated 26 August, 1998, are compared to 'POULymp' in Chart 1.

CHART 1

	'POULymp'	'POULsail'
Bud Color, 1/4 Open	Orange-Red Group 35A with overlay of Greyed- Red Group 179 B-C.	Red Group 39A to 43C.
Open flower bloom color, upper petal surface.	Yellow-Orange Group 21C.	Red Group 41C.
Open flower bloom petal color, reverse side.	Orange-Red Group 35C.	Red Group 41C.

**Parents:** Unnamed Seedling x Unnamed Seedling.

**Classification:**

Botanical: Rosa hybrid.

Commercial: Floribunda

**FLOWER AND FLOWER BUD**

**Blooming habit:** Continuous

**Flower bud:**

Size: Upon opening, 32mm - 36mm in length  
from base of receptacle to end of bud.

Bud form: The bud form is initially high  
centered, and pointed. Once sepals  
drop/open half way, then bud is  
cylindrical.

Bud color: As sepals unfold, blend of Greyed- Red  
Group 179B-C and Orange-Red Group 35A.  
Blend of Greyed- Red Group 179C and  
Orange-Red Group 35A at ¼ opening.

Sepals: Green Group 137A. Weak foliaceous  
appendages on three of the five  
sepals. Surfaces of sepals slightly  
pubescent. Few Stipitate glands are  
present. Distal ends of sepals have  
foliaceous appendages. Sepals are 25  
to 35 mm in length and 10 to 13 mm  
wide.

Receptacle:

Surface: Smooth  
Shape: broadly funnel shaped.  
Size: 7 mm (h) x 8-9 mm (w).  
Color: Green Group 138 A

Peduncle:

Surface: Smooth.  
Length: 50 - 70 mm average length.  
Color: Green Group 138 A.  
Strength: upright  
Borne: Generally with single buds per  
flowering stem.

**Flower bloom:**

Fragrance: Light Spice scent.  
Duration: As a pot plant, flowers last from 14  
to 21 days. As a cut flower to  
days. The blooms have a duration on  
the plant of approximately to days.  
Size: Large for a 15 cm pot rose. Average  
flower diameter is 60 - 70 mm when  
open.

Form: Cylindrical during opening.

Shape of flower when viewed from the side:

Upon opening, upper part: Convex.

Upon opening, lower part: Convex.

Open flower, upper part: Convex.

Open flower, lower part: Flat.

Petalage: Double. Average range: 25 - 30 petals  
under normal conditions with 2-3  
petaloids.

**Color:**

Upon opening, petals:

Outermost petals:

Upper Surface: Blend of Yellow-Orange  
Group 20B and Orange  
Group 24C.

Reverse Side: Orange-Red Group 32 B-  
C.

Innermost petals:

Upper Surface: Yellow Orange Group 19  
A-B.

Reverse Side: Orange-Red Group 32B-C.

Upon opening, basal petal spots:

Outermost petals:

Outer Side: Yellow-Green 1C.

Inner Side: Yellow-Green 1C to  
Yellow Group 2A.

Innermost petals:

Outer Side: Yellow-Green 1C.



Inner Side:            Yellow-Green 1C to  
                              Yellow Group 2A.

After opening, petals:

Outermost petals:

Upper Surface: Yellow-Orange Group 21C.

Reverse Side: Orange-Red Group 35C with  
intonations of Yellow-Orange  
21C. Petal edges are Yellow  
Orange 21 C.

Innermost petals:

Upper Surface: Blend of Yellow Orange Group  
20B and Orange Group 24D.

Reverse Side: Orange-Red Group 34D.

After opening, basal petal spots:

Outermost petals:

Outer Side: Yellow-Green Group 1C.

Inner Side: Yellow-Green Group 1C and  
Yellow-Green Group 2A.

Innermost petals:

Outer Side: Yellow-Green Group1C.

Inner Side: Yellow-Green Group 1C and  
Yellow-Green Group 2A.

**General Tonality:** On open flower blend of Yellow-Orange Group 20B, Orange Group 24C, and Yellow-Orange Group 21C. No change in the general tonality at the end of 4 - 5 days. Afterwards, general tonality is Orange Group 24B and Yellow-Orange 16B.

**Petals:**

Petal Reflex: Strongly Reflexed  
Petal Margin: Slightly undulate and entire.  
Shape: Round.  
Petaloids: There are 2-3 petaloids present.  
Thickness: Average.  
Arrangement: Informal.

**Reproductive Organs:**

Pollen:  
Color: Greyed-Yellow Group 170C  
Abundance: Average abundance.  
Anthers:  
Size: 2 to 3 mm.  
Color: Greyed-Yellow Group 162B - Yellow 13B.  
Quantity: 30 to 35.

Filaments:

Color: Yellow-Green Group 1C.

Length: 5 mm.

Stigmas:

Position: Level with the height of the anthers.

Quantity: 25 to 30.

Color: Yellow-Green Group 145C.

Styles:

Color: Yellow-Green Group 145C with  
intonations of Greyed-Red Group 181A.

Length: 5 mm.

PLANT

**Plant growth:** Vigorous, compact, upright. When grown as a 15 cm pot plant, the average height of the plant itself is 24 to 26 cm and the average width is 26 to 28 cm.

**Stems:**

Color:

Young wood: Green Group 137A-B

Older wood: Green Group 137A-B

Thorns:

Incidence: Few thorns.

Size: Average length: 5 mm - 6 mm.

Color: Yellow-Green Group 149D.  
With anthocyanin intonations  
of Greyed-Red Group 179C.

Shape: Linear.

Surface:

Young wood: Smooth.

Older wood: Smooth.

Length: Under typical greenhouse  
conditions, stem length is  
30 to 35 cm. Internode  
length varies from 10 to 12  
cm.

**Plant foliage:** Normal number of leaflets on  
leaves in middle of the stem: 5  
leaflets, with a range of 3-7  
leaflets

Leaf size: 110-120mm (l) x 85-100mm (w).

Abundance: Above average.

Color:

Upper Leaf Surface: Green Group 137A-139A

Lower Leaf Surface: Yellow-Green Group

147B-C

Juvenile foliage:

Upper Leaf Surface: Green Group 143A-B  
Lower Leaf Surface: Yellow-Green Group 146B

Anthocyanin intonation:

Location: Underside leaflets,  
leaflet margins, rachis  
& petiole.  
Color: Greyed-Red Group 179B.

**Plant leaves and leaflets:**

Stipules:

Size: 8mm - 10 mm.  
Color: Green Group 137A  
Stipitate glands: Stipitate glands present on  
margins.

Petiole:

Length: 24mm -26 mm.  
Color: Green Group 137A .  
Underneath: Smooth.  
Margins: Stipitate glands present on  
margins in limited numbers.

Rachis:

Color: Green Group 137A.

Underneath: Generally smooth, occasional  
prickles and stipitate  
glands.

Margins: Regular stipitate glands  
present.

Leaflet:

Edge: Serrated.

Shape: Broadly ovate

Other: Glossy and somewhat thick.

**Disease resistance:**

Above Average resistance to mildew, black spot, and  
Botrytis under normal growing conditions in Jackson County,  
Oregon, Burlington, Canada, and Fredensborg, Denmark.

**Cold hardiness:**

'POULymp' has been found to be resistant to damage from  
cold, heat and drought damage in USDA Zone 7.